

Title (en)
METHOD FOR CONTROLLING AMT SYSTEM INCLUDING THROTTLE POSITION SENSOR SIGNAL FAULT DETECTION AND TOLERANCE

Publication
EP 0243022 B1 19891025 (EN)

Application
EP 87302862 A 19870402

Priority
US 85357786 A 19860418

Abstract (en)
[origin: EP0243022A2] A method for controlling an AMT system (10) is provided including sensing and identifying faulty input signals (THD, THPS and RTDS) from the throttle position sensor assembly (22) sensors (22A, 22B and 22C). If only a known one of the input signals is faulty, logic method of control (38) is modified to a logic method tolerant of the identified faulty input signal.

IPC 1-7
B60K 41/06

IPC 8 full level
B60W 10/06 (2006.01); **F02D 45/00** (2006.01); **F16H 59/24** (2006.01); **F16H 61/12** (2006.01); **F16H 61/28** (2006.01); **B60W 50/02** (2006.01)

CPC (source: EP KR US)
B60W 10/06 (2013.01 - EP US); **B60W 10/10** (2013.01 - EP US); **B60W 50/0205** (2013.01 - EP US); **F16H 59/00** (2013.01 - KR); **F16H 59/24** (2013.01 - EP US); **F16H 61/12** (2013.01 - EP US); **B60W 2050/021** (2013.01 - EP US); **B60W 2510/0604** (2013.01 - EP US); **B60W 2510/0638** (2013.01 - EP US); **B60W 2510/104** (2013.01 - EP US); **B60W 2710/065** (2013.01 - EP US); **F16H 2061/1208** (2013.01 - EP US); **F16H 2061/122** (2013.01 - EP US); **F16H 2061/1224** (2013.01 - EP US); **F16H 2061/1284** (2013.01 - EP US); **Y10S 477/906** (2013.01 - EP US)

Cited by
US5343779A; DE4039148A1; EP0397865A4; FR2764663A1; EP0449424A3; EP0432966A3; EP0397203A3; GB2292592A; US5626534A; GB2292592B; GB2242716A; GB2242716B; US5233530A; WO9521073A1; WO9101461A1

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
EP 0243022 A2 19871028; EP 0243022 A3 19880120; EP 0243022 B1 19891025; AU 582684 B2 19890406; AU 7104987 A 19871022; BR 8702200 A 19880217; CA 1312365 C 19930105; CN 1008343 B 19900613; CN 87103548 A 19880330; DE 3760859 D1 19891130; JP S62294749 A 19871222; KR 870010341 A 19871130; KR 910009631 B1 19911123; US 4833613 A 19890523; ZA 872345 B 19871125

DOCDB simple family (application)
EP 87302862 A 19870402; AU 7104987 A 19870403; BR 8702200 A 19870421; CA 533790 A 19870403; CN 87103548 A 19870417; DE 3760859 T 19870402; JP 9611287 A 19870417; KR 870003690 A 19870417; US 85357786 A 19860418; ZA 872345 A 19870331